

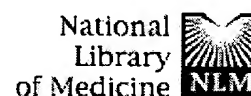
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Direct kinase-to-kinase signaling mediated by the FHA phosphoprotein recognition domain of the Dun1 DNA damage checkpoint kinase.

Mol Cell Biol. 2003 Feb;23(4):1441-52.

PMID: 12556502 [PubMed - indexed for MEDLINE]

☐ 2: [Hammet A, Pike BL, Heierhorst J.](#)[Related Articles, Links](#)

Posttranscriptional regulation of the RAD5 DNA repair gene by the Dun1 kinase and the Pan2-Pan3 poly(A)-nuclease complex contributes to survival of replication blocks.

J Biol Chem. 2002 Jun 21;277(25):22469-74.

PMID: 11953437 [PubMed - indexed for MEDLINE]

☐ 3: [Zhao X, Rothstein R.](#)[Related Articles, Links](#)

The Dun1 checkpoint kinase phosphorylates and regulates the ribonucleotide reductase inhibitor Sml1.

Proc Natl Acad Sci U S A. 2002 Mar 19;99(6):3746-51.

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☐ 4: [Chakraverty RK, Kearsley JM, Oakley TJ, Grenon M, de La Torre Ruiz MA, Lowndes NF, Hickson ID.](#)[Related Articles, Links](#)

Topoisomerase III acts upstream of Rad53p in the S-phase DNA damage checkpoint.

Mol Cell Biol. 2001 Nov;21(21):7150-62.

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☐ 5: [Zhao X, Chabes A, Domkin V, Thelander L, Rothstein R.](#)[Related Articles, Links](#)

The ribonucleotide reductase inhibitor Sml1 is a new target of the Mec1/Rad53 kinase cascade during growth and in response to DNA damage.

EMBO J. 2001 Jul 2;20(13):3544-53.

PMID: 11432841 [PubMed - indexed for MEDLINE]





☐ 6: [Zhao X, Georgieva B, Chabes A, Domkin V, Ippel JH, Schleucher J, Wijmenga S, Thelander L, Rothstein R.](#)[Related Articles, Links](#)

Mutational and structural analyses of the ribonucleotide reductase inhibitor Sml1 define its Rnr1 interaction domain whose inactivation allows suppression of mec1 and rad53 lethality.

Mol Cell Biol. 2000 Dec;20(23):9076-83.

PMID: 11074005 [PubMed - indexed for MEDLINE]

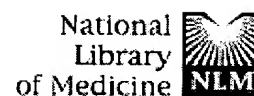
☐ 7: [Mieczkowski P, Dajewski W, Podlaska A, Skoneczna A, Ciesla Z, Sledziewska-Gojska E.](#)[Related Articles, Links](#)

-  Expression of UMP1 is inducible by DNA damage and required for resistance of *S. cerevisiae* cells to UV light.
Curr Genet. 2000 Aug;38(2):53-9.
PMID: 10975253 [PubMed - indexed for MEDLINE]
- ☐ **8:** [Sanchez Y](#), [Bachant J](#), [Wang H](#), [Hu F](#), [Liu D](#), [Tetzlaff M](#), [Elledge SJ](#). Related Articles, Links
Control of the DNA damage checkpoint by chk1 and rad53 protein kinases through distinct mechanisms.
Science. 1999 Nov 5;286(5442):1166-71.
PMID: 10550056 [PubMed - indexed for MEDLINE]
- ☐ **9:** [Blasina A](#), [de Weyer IV](#), [Laus MC](#), [Luyten WH](#), [Parker AE](#), [McGowan CH](#). Related Articles, Links
A human homologue of the checkpoint kinase Cds1 directly inhibits Cdc25 phosphatase.
Curr Biol. 1999 Jan 14;9(1):1-10.
PMID: 9889122 [PubMed - indexed for MEDLINE]
- ☐ **10:** [Cohen-Fix O](#), [Koshland D](#). Related Articles, Links
 The anaphase inhibitor of *Saccharomyces cerevisiae* Pds1p is a target of the DNA damage checkpoint pathway.
Proc Natl Acad Sci U S A. 1997 Dec 23;94(26):14361-6.
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- ☐ **11:** [Allen JB](#), [Zhou Z](#), [Siede W](#), [Friedberg EC](#), [Elledge SJ](#). Related Articles, Links
 The SAD1/RAD53 protein kinase controls multiple checkpoints and DNA damage-induced transcription in yeast.
Genes Dev. 1994 Oct 15;8(20):2401-15.
PMID: 7958905 [PubMed - indexed for MEDLINE]
- ☐ **12:** [Mitchel RE](#), [Morrison DP](#). Related Articles, Links
 Inducible error-prone repair in yeast. Suppression by heat shock.
Mutat Res. 1986 Jan-Feb;159(1-2):31-9.
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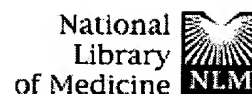
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S6	2	S1 AND INHIBITOR
S7	85	S2 (S) INHIBITOR
S8	0	S2 (S) ANTISENSE
S9	1	S2 AND ANTISENSE
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